

## IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): ~~Pyrogenically~~ A pyrogenically produced silica powder ~~characterised in that it~~ wherein the pyrogenically produced silica powder has

- a BET surface of 30 to 90 m<sup>2</sup>/g,
- a DBP number of at least 80, expressed as g of dibutyl phthalate/100 g of silica and
- a tamped density of no more than 110 g/l.

Claim 2 (Currently Amended): ~~Silica~~ The pyrogenically produced silica powder according to Claim 1, ~~characterised in that~~ wherein the average aggregate circumference is at least 1000 nm.

Claim 3 (Currently Amended): ~~Silica~~ The pyrogenically produced silica powder according to ~~claims 1 or 2, characterised in that~~ Claim 1, wherein the kurtosis of the aggregate area is at least 20.

Claim 4 (Currently Amended): ~~Silica~~ The pyrogenically produced silica powder according to ~~claims 1 to 3, characterised in that it~~ Claim 1, wherein the pyrogenically produced silica powder has a pH value, measured in a 4 per cent aqueous dispersion, of between 3.8 and 5.

Claim 5 (Currently Amended): ~~Pyrogenically~~ The pyrogenically produced silica powder according to ~~claims 1 to 4, characterised in that~~ Claim 1, wherein

- the BET surface is 35 to 55 m<sup>2</sup>/g,

- the DBP number is 100 to 130 g dibutyl phthalate/100 g silicon dioxide,
- and the pH value, measured in a 4% aqueous dispersion, is 4.3 to 4.8.

Claim 6 (Currently Amended): ~~Process~~ A process for the production of the silica powder according to ~~claims 1 to 5, characterised in that~~ Claim 1, wherein at least one vaporous silicon compound, a gas containing free oxygen (primary air) and a combustible gas are mixed together in a closed burner and then burnt in a flame in the flame tube of the burner, the solid obtained is separated from the gas mixture and optionally purified, wherein

- the oxygen content of the gas containing free oxygen is adjusted such that the lambda value is greater than or equal to 1, and

- the gamma value is between 1.2 and 1.8.

Claim 7 (Currently Amended): ~~Process~~ The process according to Claim 6, ~~characterised in that~~ wherein  $1 \leq \lambda \leq 1.2$ .

Claim 8 (Currently Amended): ~~Process~~ The process according to ~~claims 6 or 7, characterised in that~~ Claim 6, wherein in addition, secondary air is introduced into the flame tube, secondary air/primary air being  $\leq 1.1$ .

Claim 9 (Currently Amended): ~~Process~~ The process according to ~~claims 6 to 8, characterised in that~~ Claim 6, wherein the proportion of oxygen in the gas containing free oxygen is between 30 and 40 vol.%.

Claim 10 (Currently Amended): ~~Process~~ The process according to ~~claims 6 to 9, characterised in that~~ Claim 6, wherein silicon halides, organochlorosilicon compounds or

organosilicon compounds and mixtures of the above compounds are used as the silicon compound.

Claim 11 (Currently Amended): ~~Process~~ The process according to ~~claims 6 to 10,~~ characterised in that Claim 6, wherein  $1 \leq \lambda \leq 1.2$ ,  $1.2 \leq \gamma \leq 1.8$ , the ratio of secondary air / primary air is  $\leq 1.1$  and the proportion of oxygen in the gas containing free oxygen is between 30 and 40 vol.% and the silicon compound is silicon tetrachloride.

Claim 12 (Canceled).

Claim 13 (New): A toner comprising the pyrogenically produced silica powder as claimed in Claim 1.

Claim 14 (New): A method for producing a toner comprising adding the pyrogenically produced silica powder as claimed in Claim 1 to a toner formulation.

Claim 15 (New): A silicone or rubber product comprising the pyrogenically produced silica powder as claimed in Claim 1.

Claim 16 (New): A method for producing a silicone or rubber product comprising adding the pyrogenically produced silica powder as claimed in Claim 1 to a silicone or rubber formulation.

Claim 17 (New): A method for adjusting the rheology of a liquid system comprising adding the pyrogenically produced silica powder as claimed in Claim 1 to a liquid.

Claim 18 (New): A dispersion comprising the pyrogenically produced silica as claimed in Claim 1.

Claim 19 (New): A method for producing a dispersion comprising mixing the pyrogenically produced silica powder into the dispersion as claimed in Claim 18.

Claim 20 (New): A filler for the film coating of polyethylene terephthalate and polyvinyl acetate comprising the pyrogenically produced silica powder as claimed in Claim 1.

Claim 21 (New): A method for producing a coated polyethylene terephthalate film or a coated polyvinyl acetate film comprising coating a polyethylene terephthalate film or a polyvinyl acetate film with the pyrogenically produced silica powder as claimed in Claim 1.

Claim 22 (New): A lacquer or a paint comprising the pyrogenically produced silica powder as claimed in Claim 1.

Claim 23 (New): A method for producing a lacquer or a paint comprising adding the pyrogenically produced silica powder as claimed in Claim 1 to a lacquer formulation or a paint formulation.